First & Final Bill

SBR No: 270/14-15
31/01/2015

BRAO- [illegible] / 31-1-5

M. A. R. 57 (Rule 116)
Measurement Book

No. B 251115

Serial No. .....

Name of Work Improvements to roads, drains and covering slab at Nanjappa Layout 10th cross road in ward No-10. From ..... To Dodda bommasandra

Name of Contractor of nature of Agency ..... K.R.I.D.L.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code No;- 010-15-000041						
	Agreement No;- 133/2014-15 Dt 17/11/2014						
	Work order No;- EE/BTP/KRIDL/W.O/133/2014-15. Dt 17/11/2014						
	Address of Agency;- # 119, 11th Cross Road, 3rd floor, Poorva Park Road, Mallesharam Bangalore-560003.						

Depth 6	Contents 7	Reference to last Measurement 8
work done	spot	
RHS	CC Drain Done	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated Surface leveled and sides neatly dressed, the disposed earth to be leveled and sides neatly dressed. Complete as per specifications.						
	Chamundeshwari Layout 5th Main Road Balance RHS	1	22.00	1.20	0.90 =	23.76 cum	
		1	30.00	1.20	0.90 =	32.40 cum	
		1	30.00	1.20	0.90 =	32.40 cum	
		1	30.00	1.20	0.90 =	32.40 cum	
		1	30.00	1.20	0.90 =	32.40 cum	
		1	30.00	1.20	0.90 =	32.40 cum	
		1	15.00	1.20	0.90 =	16.20 cum	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	2) Providing and laying OPC cement @ 180kgs aggregate @ 0.85 cum laid in layers not and plinth including

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epth 6	Contents 7	Reference to last Measurement 8
d soil involving an average lift upto 0.5m, excavated d disposed earth to be as per specifications.		
90 =	23.76 cum	
90 =	32.40 cum	
90 =	32.40 cum	
90 =	32.40 cum	
90 =	32.40 cum	
90 =	32.40 cum	
90 =	16.20 cum	

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Measurement Book

No. B

251116

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Total =	201.96 cum	
		Qty limited to Tender			=	199.80 cum	
		@ Rs 105.84				Rs 21147.00	
	2) Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs using 40mm and down size graded granite metal, coarse aggregate @ 0.85 cum and fine aggregates @ 0.58 cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	22.00	1.00	0.15 =	3.30 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	15.00	1.00	0.15 =	2.25 cum	
					Total =	28.05 cum	
		Qty limited to Tender =				27.75 cum	
		@ Rs 4847.04				Rs 134505.00	

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Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	3) Providing and removing ce removal of form work for V including attached Pilasters all materials	4
		4
		4
		4
		4
		4
		4
		4

Assistant Executive Engineer

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	Depth 6	Contents 7	Reference to last Measurement 8
0	0.15 =	3.30 cum	
0	0.15 =	4.50 cum	
0	0.15 =	4.50 cum	
0	0.15 =	4.50 cum	
0	0.15 =	4.50 cum	
0	0.15 =	4.50 cum	
0	0.15 =	2.25 cum	
	Total =	28.05 cum	
to	Tender =	27.75 cum	
.04		Rs	134505.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251117

Serial No. ..... From ..... To .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	3) providing and removing centering, shuttering, strutting, propping etc and removal of form work for vertical surface such as walls at any thickness including attached pilasters, buttresses plinth and string courses cost of all materials	4	22.00		0.60 =	52.80 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	15.00		0.60 =	36.00 Sqm	

Assistant Executive Engineer

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total =	448.80 Sqm	
		Qty limited to Tender =				444.00 Sqm	
		@ RS 292.68				RS 129950.00	
	4) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates in foundation plinth and ground floor level for roof slabs staircase, lintels, retaining walls, return walls including attached plasters, columns, piers, abutments as per specifications.						
	Side walls						
	Bottom	1	22.00	1.00	0.15 =	3.30 cum	
		1	30.00	1.00	0.15 =	4.50 cum	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3

	Contents 7	Reference to last Measurement 8
	= 448.80 Sqm	
	= 444.00 Sqm	
	RS 129950.00	
ment concrete of design 20mm and down size 0.878cum and fine. d floor level for roof slabs walls including attached specifications.		
15 = 3.30cum		
15 = 4.50cum		

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Measurement Book

No. B

251118

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	1.00	0.15 =	4.50cum	
		1	30.00	1.00	0.15 =	4.50cum	
		1	30.00	1.00	0.15 =	4.50cum	
		1	30.00	1.00	0.15 =	4.50cum	
		1	15.00	1.00	0.15 =	2.25cum	
	Side walls	2	22.00	0.15	0.60 =	3.96cum	C&FC.
		2	30.00	0.15	0.60 =	5.40cum	
		2	30.00	0.12	0.60 =	4.32cum	
		2	30.00	0.15	0.65 =	5.85cum	26/1/2015
		2	30.00	0.15	0.60 =	5.40cum	
		2	30.00	0.15	0.65 =	5.85cum	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	15.00	0.15	0.60 =	2.70 cum	
					Total =	61.63 cum	
		Qty limited to Tender =				61.05 cum	
		@ RS 6065.28				RS 370285.00	
	5) Providing mild steel reinforcement for R.C.C. work including straightening cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring						
	Qty vide page no 251192 of this M.B No - 2512 premeasurements					= 48.84 Qtl	
		@ RS 7975.80				RS 389538.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	6) Providing granite slabs fixed in cement mortar (1 specifications and dire

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Depth 6	Contents 7	Reference to last Measurement 8
·60 =	2.70 cum	
otal =	61.63 cum	
er =	61.05 cum	
		RS 370285.00
	c. work including straighten	
	on, lapping and/or welding	
	re and anchoring	
=	48.84 QTL	
o		RS 389538.00

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No. B

251119

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	6) providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer.						
		1	22.00		0.90 =	19.80 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	15.00		0.90 =	13.50 Sqm	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Total =	168.305 sqm	
		Qty limited to Tender =				166.505 sqm	
		@ RS 642.60					RS 106993.00
7)	providing chamfering edges to Stone Slab 20 cms. wide as per specification (only chamfered length shall be recorded) etc complete as per specification						
		312	3.00			= 936.00 metre	
		Qty limited to Tender =				924.00 metre	
		@ RS 32.40					RS 29938.00

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Assistant Executive Engineer
Vidyaranyapura Sub Division

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Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Numbe 3
8)	providing two line railing etc complete as per specifica	
		Qty vid
		@ RS
9)	Lead for Disposal of Debris means including loading	

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Depth 6	Contents 7	Reference to last Measurement 8
ted =	168.3 = 5 sqm	
um =	166.50 sqm	
		RS 106993.00
scons	wide as per specificat	
) etc complete as per specificat		
	- 936.00 metre	
nder	- 924.00 metre	
		RS 29938.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251120

Serial No. ..... From ..... To .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc. of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	8) providing fine tone dressing to granite stone slab/ granite stone masonary etc complete as per specifications and directions of engineer.						
	Qty vide Item no - 6					= 166.50 sqm	
	@ RS 851.04						RS 141698.00
	9) Lead for Disposal of debris shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per specification						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide Item No-1 @ Rs 73.57				= 199.80 cum	Rs	14699.00
10)	Sub Total					Rs	1338753.00
11)	Add 11% for K.R.I.D.L. charges					Rs	147262.83
12)	Add 1% for Third Party inspection charges					Rs	13387.53
					Total	Rs	1499403.36
	(-: Rupees Fourteen Lakhs Ninty Nine thousand four hundred three and thirty six Paise)						1486015=00

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AE 31/1/2015.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work ..... 13,79,667 From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Number 3
	Certificate: Certified that the materials issued fo	

Assistant
Vidyaranyapura
BBMP

DOOK

h	Depth 6	Contents 7	Reference to last Measurement 8
	= 199.80 cum		
		RS	14699.00
		RS	1338753.00
		RS	147262.83
rges		RS	13387.53
	Total	RS	1499403.36
			1486015=00
	thousand four hundred		
	Zadhav AE 31/1/2015.		

1486015=00

M. A. R. 57 (Rule 116)

Measurement Book

No. B

IT - 29720
VAT - 59441
FD 89161
LWF 14860
CGF 1486
Roy 11880
FD - 500

251121

Serial No. .....

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

12,79,667=00

Date 1	Full description, etc. of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate						
	certified that the above work done satisfactory and no materials issued from departmentaly. Zadhav AE						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97